CLAIM AMENDMENTS

Pursuant to 37 CFR 1.121, a complete listing of all claims in the application, and their status, is set forth below. The text of each pending claim is also provided. Please amend the pending claims as follows, wherein added matter is underlined and deleted matter is ~~strikenthrough~~ or [[double bracketed]] in the text of the currently amended claims, relative to the immediate prior version. The claims in this listing are deemed to replace all prior claims in the application.

1.   (Currently Amended) An automatic portion control system, comprising:

(a)   a dispensing mechanism adapted for dispensing a first substance into a container;

(b)   a scale adapted for weighing said container; ~~and~~

(c)   control circuitry adapted for reading a container weight from said scale and controlling said dispensing mechanism accordingly[[.]];

(d)   a proximity sensor adapted for sensing the presence of a container; and

(e)   a container size sensor adapted for detecting two or more container types, each of said container types having a predetermined volume, wherein said control circuitry comprises a microprocessor adapted for reading a container weight from said scale and controlling said dispensing mechanism according to a detected container type, its known empty weight and volume, and its present weight.

2.   (Original)   The automatic portion control system of claim 1, wherein said container holds an undetermined volume of a second substance.

3.   (Original)   The automatic portion control system of claim 1, wherein said scale includes strain gauge load cells.

4.   (Original)   The automatic portion control system of claim 3, wherein said control circuitry comprises a strain gauge amplifier portion and an A/D converter portion adapted for converting a voltage differential caused by a deflection of said strain gauge load cell into usable digital data.

5.   (Original)   The automatic portion control system of claim 1, wherein said control circuitry comprises a microprocessor adapted for reading a container weight from said scale and controlling said dispensing mechanism accordingly.

6.   (Original)   The automatic portion control system of claim 5, further comprising controls for programming said microprocessor.

7.   (Original)   The automatic portion control system of claim 6, wherein said controls for programming said microprocessor are adapted for programming a fill sequence.

8.   (Original)   The automatic portion control system of claim 1, further comprising a tare control.

9-15.   (Cancelled).